

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/04640

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B19/28 G11B7/095 G11B27/13

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 009, no. 127 (P-360), 31 May 1985 (1985-05-31) & JP 60 010454 A (RICOH KK), 19 January 1985 (1985-01-19) abstract	1,7,9
A	PATENT ABSTRACTS OF JAPAN vol. 011, no. 052 (P-548), 18 February 1987 (1987-02-18) & JP 61 219816 A (YOKOGAWA ELECTRIC CORP), 30 September 1986 (1986-09-30) abstract	1,7,9

☐ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

### \* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

27 January 2004

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04/02/2004

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 60010454	A	19-01-1985	NONE	
JP 61219816	A	30-09-1986	JP 1690065 C	27-08-1992
			JP 3052890 B	13-08-1991